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Indian Standard

MODULAR UNITS FOR MACHINE TOOL CONSTRUCTION – SUPPORT BRACKETS

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BUREAU OF INDIAN STANDARDS
MANAK BHAVAN, 9 BAHADUR SHAH ZAFAR MARG
NEW DELHI 110002

August 1990

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Indian Standard
MODULAR UNITS FOR MACHINE TOOL CONSTRUCTION—SUPPORT BRACKETS

NATIONAL FOREWORD

This Indian Standard, which is identical with ISO 3610 : 1976 'Modular units for machine tool construction—Support brackets' issued by the International Organization for Standardization (ISO), was adopted by the Bureau of Indian Standards on 19 November 1987 on the recommendation of Machine Tools, Machine Tool Elements and Woodworking Machines Sectional Committee (EDC 11) and approval of the Mechanical Engineering Division Council.

The text of ISO standard has been approved as suitable for publication as Indian Standard without deviations. Certain conventions are, however, not identical to those used in Indian Standards. Attention is particularly drawn to the following :

a) Wherever the words 'International Standard' appear referring to this standard, they should be read as 'Indian Standard'.
b) Comma (,) has been used as a decimal marker while in Indian Standards, the current practice is to use a point (.) as the decimal marker.

CROSS REFERENCE

International Standard	*Corresponding Indian Standard*
ISO 2562 : 1973 Modular units for machine tool construction—Slide unit	IS 9722 : 1981 Dimensions for modular units for machine tool construction—Slide unit. (*Technically equivalent*)

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1 SCOPE AND FIELD OF APPLICATION

This International Standard specifies certain dimensions relating to the interchangeability of support brackets used in special purpose machines constructed from modular uni

2 REFERENCE

ISO 2562, *Modular units for machine tool construction – Slide units.*

3 NOMINAL SIZE AND DESIGNATION

The nominal size is given by the nominal width of the saddle on the related slide unit.

The following five sizes have been adopted : 125, 160, 200, 250 and 320 mm.

The designation is given by the nominal size.

4 DIMENSIONS

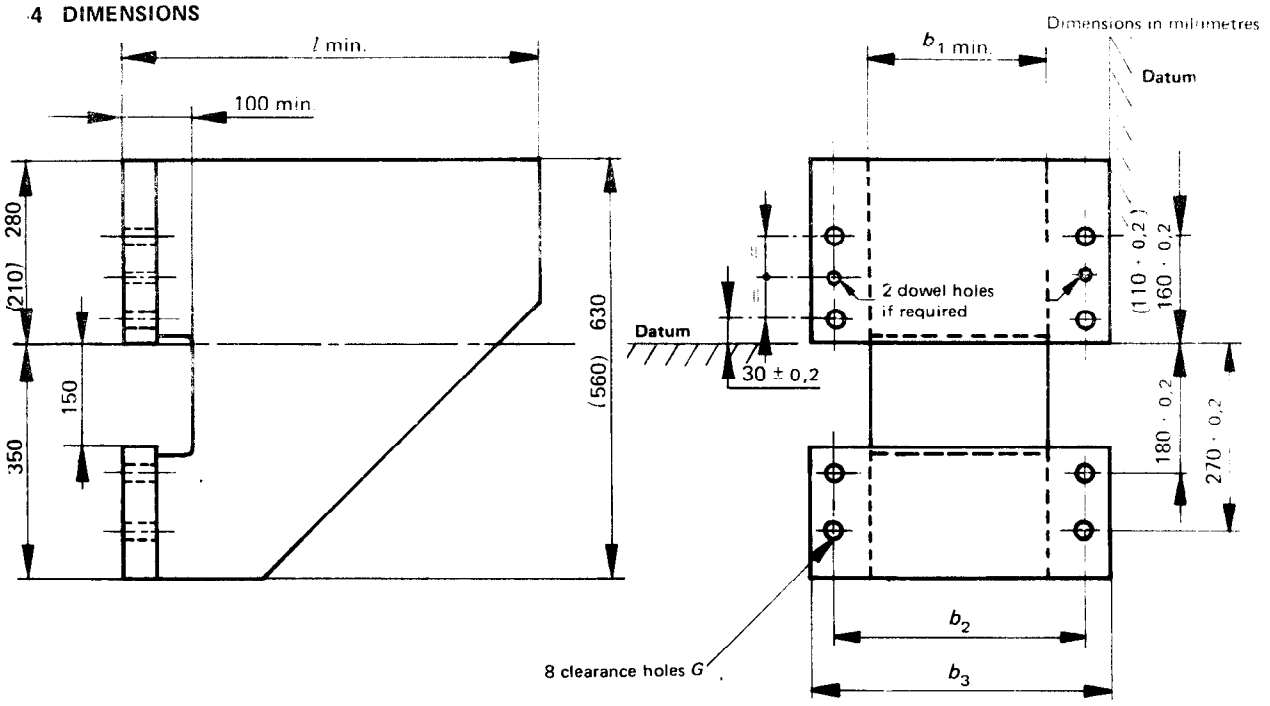

FIGURE – **Support bracket**

TABLE – **Dimensions of support brackets**

Dimensions in millimetres

Nominal size	**Seating width of slide unit** b_1 min.	**Bolt hole centres** b_2 ± 0,2	**Flange width** b_3	**Overall length** l min.	**Clearance hole** G to suit thread
125	140	270	320	630	M 16
160	180	305	360	630	M 16
				800	
200	220	345	400	630	M 16
				800	
				1 000	
250	270	395	450	630	M 20
				800	
				1 000	
320	340	465	520	630	M 20
				800	
				1 000	
				1 250	

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BUREAU OF INDIAN STANDARDS

Headquarters :

Manak Bhavan, 9 Bahadur Shah Zafar Marg, New Delhi 110002
Telephones : 331 01 31, 331 13 75

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